

ABSTRACT OF THE DISCLOSURE

A method and system for operation of a resilient closed communication network without a dedicated protection network segment. The method uses a resilient closed communication network with at least one communication ring. The method includes the steps of receiving a data packet from a first external network at a first distributing station connected to the network, identifying a second distributing station connected to the network from which the data packet is to be forwarded to a second external network, and determining functioning routes from the first distributing station to the second distributing station. The method also includes the steps of selecting an optimal route among the functioning routes and sending the data packet from the first distributing station to the second distributing station using the optimal route.